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ATTORNEY DOCKET NO. MIT 8873CPC1US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S): Adam M. Lorenz, Emanuel M. Sachs and
Samuel L. Allen

Serial No.: 10/820,248

Examiner:

Filing date: April 6, 2004

Art Unit: 1725

Conf. No.: 7487

For: TECHNIQUES FOR INFILTRATION OF A POWDER METAL SKELETON BY A
SIMILAR ALLOY WITH MELTING POINT DEPRESSED

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

The references on attached Form PTO/SB/08A+B which relate to the subject matter of the present invention are being brought to the attention of the Patent and Trademark Office pursuant to 37 CFR 1.56 and 1.98. This statement is being filed before the receipt of a first Office Action on the merits.

Applicants believe the enclosed Information Disclosure Statement is entitled to the benefit of 37 CFR §1.97(b)(3) and (e)(1). Accordingly, applicant(s) believe that no fee or certification is required.

CERTIFICATE OF MAILING UNDER 37 CFR §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on June 10, 2005.

Steven J. Weissburg
Steven J. Weissburg

BANERJEE, S., OBERACKER, R., and GOETZEL, C.G., "Mechanism of Capillary-Force Induced Infiltration of Iron Skeletons with Cast Iron", The International Journal of Powder Metallurgy & Powder Technology, Volume 20, No. 4, pp. 325-341, 1984.

GB Patent No. 613,041, "Improvements in Methods of Producing Alloy Bodies", specification accepted November 22, 1948.

WO 01/90427 A1, the published PCT version of U.S.S.N. 10/276,457 (Attorney Docket No. MIT 8873 US), which was listed on the original IDS in this application filed on April 6, 2004. The disclosure is identical to that in U.S.S.N. 10/276,457. As such, only the cover page is enclosed here.

The foregoing three items were all first cited in a Supplemental European Search Report of a corresponding European application, EP 02771844, mailed on March 11, 2005, less than three months ago, a copy of which is enclosed for the Examiner's information. EP 02771844 is the European patent application corresponding to the U.S. parent case (U.S.S.N. 09/863,073) of this application. The undersigned certifies the foregoing sentences.

FLEMING, R. P. H., "Liquid Phase Sintering & Infiltration of Some Nickel Base Alloys Produced by P/M Techniques", Modern Developments in Powder Metallurgy, Proceedings of the 1980

International Powder Metallurgy Conference, Volume 12, pp. 439-451, 1981.

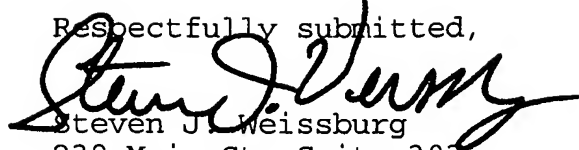
The foregoing item was first cited in a Supplemental European Search Report of a corresponding European application, EP 01945970, mailed on March 16, 2005, less than three months ago, a copy of which is enclosed for the Examiner's information. EP 01945970 is the European patent application corresponding to a related U.S. case (U.S.S.N. 10/276,457) mentioned above. The undersigned certifies the foregoing sentences.

Copies of the documents are enclosed.

Although this statement includes all the relevant information presently known to the applicants, it should not be interpreted as a representation that an exhaustive search has been conducted, or that no better information exists or that the items cited herein are admitted to be prior art. Moreover, Applicants invite the Examiner to make an independent evaluation of the cited information to determine its relevance to the subject matter of the present application. The citation of an item herein should not be considered to be an admission that the item is prior art.

Applicants are of the opinion that the claims of the present application patentably distinguish over this information or any combination thereof.

Respectfully submitted,



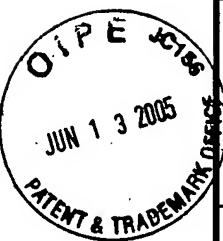
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June 10, 2005

Cust. No. 021403

Blue Mac Storage:Gibralter clients:Clients:MIT:MIT 3DP All:MIT 8873 PR Lorenz
Nickel:8873CPC1 US:ids.supp.#1.6/05

PTO/SB/08A



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| Application Number | 10/820,248 |
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| Filing Date | 04-06-2004 |
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| First Named Inventor | LORENZ |
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| Group Art Unit | 1725 |
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Examiner Name _____

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| Sheet | 1 | of | 2 | Attorney Docket No. | MIT 8873CPC1 US |
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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**Examiner
Signature**

Date
Considered

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

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| | | | | Application Number | 10/820,248 |
| | | | | Filing Date | 04-06-2004 |
| | | | | First Named Inventor | LORENZ |
| | | | | Group Art Unit | 1725 |
| | | | | Examiner Name | |
| Sheet | 2 | of | 2 | Attorney Docket No. | MIT 8873CPC1 US |

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, symposium, catalog, etc.), date, page(s), volume- issue number(s), publisher, city and/or country where published | T |
|----------------------|-------------|--|---|
| | | BANERJEE, S., OBERACKER, R., and GOETZEL, C.G., "Mechanism of Capillary-Force Induced Infiltration of Iron Skeletons with Cast Iron", The International Journal of Powder Metallurgy & Powder Technology, Volume 20, No. 4, pp. 325- 341, 1984. | |
| | | FLEMING, R. P. H., "Liquid Phase Sintering & Infiltration of Some Nickel Base Alloys Produced by P/M Techniques", Modern Developments in Powder Metallurgy, Proceedings of the 1980 International Powder Metallurgy Conference, Volume 12, pp. 439-451, 1981. | |
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